

U.S. Department of Transportation

U.S. Coast Guard

Issued by: Commander, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060
Telephone: (216) 902-6070. All times shown in local time unless otherwise noted. Positions are in degrees, minutes, seconds, and tenths of seconds. Numbers within brackets [/] refer to the LNM where information was first printed. Direct questions about this LNM to the above address.

USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Ninth Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

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BROADCAST NOTICE TO MARINERS (BNM) are issued by Ninth District and all Group Offices for their areas of responsibility. Navigation information having been of immediate concern to the Mariner, the following broadcasts have been incorporated into this LNM when still significant:			
Ninth District	C054-97 through B160-97	C055-97	Group Buffalo, NY B152-97 through
Group Detroit, MI	D313-97 through G163-97.	D316-97	Group Grand Haven, MI G161-97 through
Group Milwaukee, WI	M180-97 through S228-97	M185-97	Group Sault Ste Marie, MI S216-97 through

Light List Reference: Commandant Publication P16502.7, VOL VII, 1997 Edition / Coast Pilot Reference: U.S. Coast Pilot 6 Great Lakes 1997 Edition

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

I. SPECIAL NOTICES

MAILING LIST VERIFICATION FOR LOCAL NOTICE TO MARINERS

On the reverse side of the cover to Local Notice to Mariners 32/97 is a mailing list verification form. Fill this form out and return it by 1 January, 1998 to continue receiving the Local Notice to Mariner. [32/97]

General Notice- NIMA

The DOD Glossary of Mapping, Charting and Geodetic Terms (NIMA Ref. No. GLOSXMCGETERMS), dated 1981, has been replaced by a DOD Military Handbook, also entitled , Glossary of Mapping, Charting and Geodetic Terms (Document Number MIL-HDBK- 850). Dated 1994, the expanded Glossary is available to DOD and the public from the Defense Automated Printing Service, Standardization Document Order Desk, 700 Robbins Ave., Bldg. 4D, Philadelphia, PA 19111-5094; Special Assistance Desk: DSN: 422-0158/0159/0162/2179/2667/4107; Tel: (215) 697-0158/0159/0162/2179/2667/4107; DSN: Fax: 442-1462/2978; Tel: Fax: (215) 697-1462/2978; Internet: (http://www.dodssp.daps.mil). The cost to non DOD Executive Branch agencies and the public is 9 cents a page or \$27.18 each. The document has 302 pages. The 1994 Glossary is currently not available from NIMA. [31/97]

LORAN-C TERMINATION STUDY

The 1996 Federal Radionavigation Plan calls for the termination of Loran-C operations in the year 2000. The U.S. Department of Transportation (DOT) is undertaking a congressionally mandated review of the decision to cease operations. Booz-Allen & Hamilton, Inc., has been retained to assess the technical merits of extending LoranC service beyond the year 2000 and to conduct a cost/benefit analysis of such an action. Booz-Allen hosted a Users Conference, during which representatives of various LoranC users presented information related to the system and its present and future use. The conference was held at Booz-Allen's headquarters in McLean, VA.

Because of the schedule and location, the conference may not have provided every segment of the user community the opportunity to have input. Therefore, DOT is also soliciting written input from individuals and organizations prior to, during and following the conference. These inputs may be mailed to: DOT Loran-C Study Comments, c/o Joseph R. Davis, Booz-Allen & Hamilton, Inc., 8251 Greensboro Drive, McLean, VA 22102.

Telephone comments will not be accepted. E-mail comments may be forwarded to: loranc@bah.com. FAX comments may be sent to (703) 917-3023. Comments may be sent 24 hours a day. Comments are being solicited on any technical, operational or economic issue(s) associated with the proposed action. Comment should be factual, and if possible provide verifiable reference to the source of any data cited. Commentors may call (703) 902-4671 during normal business hours (8:00AM-5:00PM EST) to confirm receipt. All comments should identify the originator and provide some means (mail, telephone or E-mail) to allow return contact with the originator. Commentors should

identify the specific Loran-C user community/communities (maritime, aviation, weather, timing and synchronization, etc.) they represent, and the specific use made (type of aircraft, vessel or other platform, where used, what other navigation systems are used, and typical navigation activity). In addition, comments should address safety, reliability and other system performance issues.

Inputs will be accepted until December 15, 1997; however, early submission will ensure time for the contractor and DOT to address key issues in the cost/benefit analysis and other technical reports. [26/97]

SRI LANKA - Special Warning Number 107

Sri Lanka has announced that entrance by unauthorized vessels into the waters of Palk Strait and the eastern territorial waters of Sri Lanka is prohibited because of increased acts of terrorism against shipping and Sri Lankan naval Vessels. Sri Lanka requires that vessels in the vicinity contact the Sri Lankan command (Tel. 941-42-30-19, Fax 941-0433-986) for authorization if they wish to enter these areas.

The Government also has established a restrictive zone in coastal waters along the West coast from Kalptiya to Colombo Ports' Southern backwaters. Written permission from the Sri Lankan command is required for entry into these waters as well. Sri Lankan authorities have advised that they will fire on violators.

The U.S. Embassy in Colombo reports that between July and September 1997, at least three foreign flag merchant vessels were attacked by the Liberation Tigers of Tamil Eelam (LTTE). One vessel operating as a passenger ferry off Mannar on the Northwest Coast was set on fire and sunk. A second vessel departing north from the Jaffna Peninsula was hijacked, stripped of equipment, and its crew temporarily held by the terrorists. One crew member was killed during the hijacking. A third vessel was loading a mineral cargo off the northeast coast near Pulmoddai when it was attacked and at least five members of its crew killed.

Any anti-shipping activity should be reported to NIMA NAVSAFETY, U.S. State Department, or the nearest U.S. Consulate. Refer to NIMA Pub. 117, Chapter 4, for instructions on filing a ship hostile action Report (SHAR) or anti-shipping activity message (ASAM).

The publication of this notice is solely for the purpose of advising United States Mariners of information relevant to Navigational Safety and in no way constitutes a legal recognition by the United States of the validity of any Foreign rule, regulation or proclamation so published. Cancel Special Warning 94 [38/97]

U.S. COAST PILOT - 1997 (27th) Edition - Change No 8

Change No 8 to the U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (27th) edition publication can be found in enclosure (1) of Local Notice to Mariners 36/97. [36/97]

U.S. COAST PILOT - 1997 (27th) Edition - Change No 9

Change No 9 to the U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (27th) edition publication can be found in enclosure (2) of Local Notice to Mariners 36/97. [36/97]

U.S. COAST PILOT - 1997 (27th) Edition - Change No 10

Change No 10 to the U.S. Coast Pilot 6, Great Lakes: Lakes Ontario, Erie, Huron, Michigan, and Superior and St. Lawrence River, 1997 (27th) edition publication can be found in enclosure (3) of Local Notice to Mariners 36/97. [36/97]

GREAT LAKES - Great Lake Water Levels

The expected water levels on the Great Lakes for December 5, 1997. Connecting Channels and the St. Lawrence River, given in inches above (+) or below(-) Low Water Datum (LWD). LWD is a plane of reference used on a navigation chart. It is also known as chart Datum.

Great Lakes:

Lake Ontario +14, Lake Erie +38, Lake St. Clair +38, Lake Michigan +30, Lake Huron +30, Lake Superior +12.

St Lawrence River:

Above Long Sault Dam +8, Above Iroquois Dam +3, Ogdensburg +9, Alexandria Bay +14, Head of River at Cape Vincent +14.

Detroit River

Lake Erie at Pelee Passage +38, Mouth of River at Gibraltar +39, Head of River above Belle Isle +38.

St. Clair River

Mouth of River at St. Clair Flats +38, Algonac +39, St. Clair +36, Blue Water Bridge +34, Head of River at Fort Gratiot +30, Lake Huron Approach Channel +30.

St. Marys River

Mouth of River at Detour +30, West and Middle Neebish +34, Head of Little Rapids +29, Below Locks +28, Above Locks +13, Head of River at Point Iroquois +12.

Available water depth is determined for a location by adding (if +) or subtracting (if -) the amount from the above to the water depth shown on National Oceanic and Atmosphere Administration (NOAA) navigational charts. **Caution:** Depths so determined are representative of a still water surface elevation, disturbed by neither wind nor other causes. Depth, however, may be reduced or increased as much as several feet for short periods of time due to these disturbances, or when section of channels develop shoals. Vessel masters should refer to Local Notice to Mariners for extent of shoaling and scattered bedrock projections in all channels. For further information direct inquiries to: Department of the Army, Detroit District Corps of Engineers P. O. Box 1027, Detroit, MI 48231, (313) 226-6443. [38/97]

DGPS Off-Air Time - Cheboygan - Chart 14883

Off air time has been approved for Cheboygan, MI on 18 December 97 from 1800-2000 local time. [36/97]

DGPS Off-Air Time - Neebish Island - Chart 14883

Off air time has been approved for Neebish Island on 17 December 97 from 0800-1000 local time. [36/97]

DGPS Off-Air Time - Whitefish Point - Chart 14962

Off air time has been approved for Whitefish Point on 15 December 97 form 0800-1000 local time [36/97]

OMEGA SYSTEM - Cease of Operations

As of 30 September 1997 the OMEGA system has permanently ceased operating as an aid to navigation. The OMEGA signal should be considered unusable. [30/97]

U.S. ARMY CORPS OF ENGINEERS - Final Actions on Individual Lists for August-September 1997

Final Date	Applicant	Work Desc	Waterway	City/Town	
	County	St Auth			
11 SEP 1997	Allen County Engineer	Dredging	Leatherwood Dit	Sugar Creek	Allen
26 SEP 1997	Auglaize County Engineer	Dredging	Prairie Creek	Salem and Logan	Auglaize
	OH 404				
18 SEP 1997	City of Cleveland	Fish & Wildlife	Lake Erie	Cleveland	Cuyahoga
	OH 10404				
11 SEP 1997	Elaine Mackey	Bank stabilization	Sandusky Bay	Danbury	Ottawa
	OH 10404				
04 SEP 1997	Paulding County Commissioners	Dredging	South Creek	Harrison, Carry	Paulding
OH 404 [34/97]					

AIDS TO NAVIGATION REDUCTIONS PLANS FROM CANADIAN COAST GUARD

For a listing of the recommendations given by the Commercial Working Group for the Great Lakes and St. Lawrence River (Canadian Side Only) you may contact Mr. Al Dion at (519) 383-1859 or e-mailed at SMPT: DionA@DFO-MPO.GC.CA. All recommendations are required by December 15, 1997. [33/97]

EARLY BUOY DECOMMISSIONING

The following buoys have been decommissioned prior to their decommissioning date as listed in the US Coast Pilot Light List VII. [37/97]

MONROE HARBOR - Chart 14846

Monroe Harbor LB 1 (LLNR 6570)
Monroe Harbor LB 2 (LLNR 6575)
Monroe Harbor LB 5 (LLNR 6590)
Monroe Harbor LB 6 (LLNR 6595)

MAUMEE BAY - Chart 14847

Maumee Bay LB 25 (LLNR 6170)
Maumee Bay LB 26 (LLNR 6175)
Maumee Bay LB 30 (LLNR 6195)
Maumee Bay LB 33 (LLNR 6210)
Maumee Bay LB 34 (LLNR 6215)
Maumee Bay LB 37 (LLNR 6230)

MAUMEE BAY - Chart 14847

Maumee Bay LB 38 (LLNR 6235)
Maumee Bay LB 41 (LLNR 6265)
Maumee Bay LB 43 (LLNR 6275)
Maumee Bay LB 45 (LLNR 6280)
Maumee Bay LB 46 (LLNR 6285)
Maumee Bay LB 48 (LLNR 6290)

MAUMEE RIVER - Chart 14847

Maumee River LB 49 (LLNR 6295)
Maumee River LB 50 (LLNR 6300)
Maumee River LB 62 (LLNR 6355)
Maumee River LB 63 (LLNR 6360)

WEST OUTER CHANNEL -Detroit River Entrance - Chart 14848

West Outer Ch LBB 01 (LLNR 7365)

ST. LAWRENCE SEAWAY NOTICE 12-1997 - Closing of the 1997 Navigation Season

Montreal-Lake Ontario Section

Mariners are reminded that the clearance date for the 1997 navigation season is **2400 hours, December 20**. For the Montreal-Lake Ontario Section, vessel demand, weather and ice conditions will dictate the final closing date. It will be announced on December 3, whether or not, based upon operating conditions, vessels will be subject to operational surcharges after December 20.

Welland Canal

Vessels will be accepted to transit the Welland Canal upbound at CIP15 and downbound at CIP16 up to 0800 hours December 24, 1997. The Welland Canal may be kept open beyond this date depending on vessel demand and weather conditions. However, vessel transits after 0800 hours December 24, 1997 will be allowed subject to Agents/Owners signing a written agreement with the Authority.

Mariners are reminded that there is always a possibility that severe climatic conditions may occur during the closing period. Should this happen, there is a chance that the above-noted dates, for the Montreal-Lake Ontario Section or the Welland Canal, may not be met.

The Seaway entities will monitor weather conditions and demand, and the final closing dates for both sections will be confirmed (via Radio Messages) when better information is available. [36/97]

ST. LAWRENCE SEAWAY - Quebec - Lake St. Francis - Chart 1413 (Canadian)

The following scientific mooring buoy has been removed from Lake St. Francis.

Mooring Number	Latitude N	Longitude W
97-07S-09A	45-05-51N	74-25-58W [37/97]

LAKE ERIE - OH - Cleveland -Artificial Reefs Constructed, Chart 14839

Two artificial reefs in Lake Erie off Edgewater Park and Wildwood Park have been constructed. See enclosure (5) of Local Notice to Mariner 29/97. The west reef is bound by 41-30-12"N, 81-45-40"W; 41-30-03"N, 81-45-17"W; 41-30-0"N, 81-45-40"W; 41-29-51"N, 81-45-17"W. The east reef is bound by 41-35-55"N, 81-33-59"W; 41-36-24"N, 81-33-22"W; 41-35-46"N, 81-33-44"W; 41-36-12"N, 81-33-09"W. There is a minimum 15 foot clearance directly above each reef. For further information contact Mr. David Hudson, at (616) 627-5633. [38/97]

LAKE ERIE -OH - Huron Harbor - Chart 14843

All of the seasonal Buoys located at Huron Harbor OH have been decommissioned for the season. [35/97]

LAKE ERIE - OH - Cleveland Harbor, Winter Bridge Operating Schedule, Chart 14839

The following City of Cleveland bridges will be unmanned from December 31, 1997 to March 17, 1998:

Center Street	Mile 1.39
Columbus Road	Mile 1.93
Willow Street	Mile 1.02 over Old River
Eagle Avenue	Mile 2.80

These bridges will open for vessels if at least 12 hour advance notice is provided by calling the Bridges and Docks Office at (216) 432-6040 between 0700 and 1530, Monday thru Friday, or Carter Road bridge at (216) 664-4767, 24 hours, 7 days a week. Additionally, the West 3rd Street bridge will be manned around the clock during the winter. [38/97]

LAKE HURON - MI - Cheboygan Harbor, Winter Bridge Operating Schedule, Chart 14881

The U.S. Route 23 bridge, mile 0.9 over the Cheboygan River in Cheboygan, MI, will be unmanned between the hours of 2300 and 0600 from November 25 to December 14, 1997. The bridge will open with a 12-hour advance notice requirement from vessels during these hours. The bridge will operate under its normal winter schedule after December 14, 1997 (33 CFR 117.627). [38/97]

STRAITS OF MACKINAW - MI - Les Cheneaux Island - Buoy Decommissionings - Chart 14885

Les Cheneaux Island LB 4 (LLNR 12230) has been decommissioned for the season.
Les Cheneaux Island LB 5 (LLNR 12235) has been decommissioned for the season.
Port Dolomite LB 7 (LLNR 12240) has been decommissioned for the season. [38/97]

LAKE MICHIGAN - MI - Charlevoix Harbor, Winter Bridge Operating Schedule, Chart 14942

Full time bridgetenders will be removed from the U.S. Route 31 bridge over the Pine River in Charlevoix, MI between December 14, 1997 and April 4, 1998. The bridge will open for vessels if a 12-hour advance notice is provided by calling Chief Operator (616) 547-4034, pager (616) 480-1963; or Charlevoix City Police (616) 547-3255; or Kalkaska Maintenance Garage (616) 258-5611. [38/97]

LAKE MICHIGAN - IL - Chicago Harbor, Bridge Closure for Maintenance, Chart 14928

State Street bridge, mile 1.05 over the Main Branch of Chicago River, will be secured to masted navigation from November 22, 1997 to March 31, 1998, for maintenance. [38/97]

LAKE ERIE - Scientific Moorings - Chart 14826

The following scientific moorings have been removed from Lake Erie:

Mooring Number	Latitude N	Longitude W
97-01S-03A	41-56-04	81-39-26
97-01A-04A	41-56-13	81-39-04 [31/97]

LAKE ERIE - NY - Black Rock Lock Operations - Chart 14833

The hours and dates for the balance of the 1997 navigation season are as follows: up to November 22, 0800-1600 Monday thru Friday, November 22 -December 15 0800-1600 Monday thru Friday. December 15 -January 03, 1998, 0800-1600 Monday -Friday (Restricted navigation). January 04, 1998 scheduled closure for maintenance. Commercial traffic will be accommodated on a 24 hours basis with prior notification. The effective closing date for the 1997 navigation season is December 14, 1997. The restricted navigation period is between December 15, 1997 to January 3, 1998 is due to upper guide pier construction work. During the restricted navigation period, the lock will be in operation for USCG and local power authority vessels only. Questions relating to the schedule should be directed to the Lock Office (716) 879-4403 during posted operating hours, or the District Office (716) 879-4283 between the hours 0700 and 1630, Monday through Friday, or via marine radio. Lock operations monitors Marine Channel 16 (Channel 12 working channel) FAX (716) 879-4357. Lock Master (716) 879-4427. [34/97]

LAKE ERIE - NY - Buffalo Harbor, Black Rock Canal Bridge Operations, Chart 14833

Vessels transiting Black Rock Canal until the closure of the Lock and the navigation season are requested to provide earliest possible notification to the Black Rock Lock Office of anticipated arrival/departure dates and times. This will serve as notice to the Ferry Street and Canadian National Railway bridges as well. Advance notice may be provided by calling the Lock Office at (716) 879-4403 between the hours of 0800 and 1600, 7 days a week until 22 November 1997; between 0800 and 1600, Monday thru Friday, from 23 November thru 15 December 1997. During all other hours, call Gary Dye, Lockmaster, at (716) 863-0819. [34/97]

LAKE ERIE - OH - Monroe Harbor - Lighted Buoys Replaced - Chart 14830, 14846

The lighted buoys in Monroe Harbor have been replaced by winter marks. [36/97]

LAKE ERIE - OH - Lorain Harbor Light Fog Signal Decommissioned - Chart 14841

The fog signal on Lorain Harbor Light (LLNR 4320) has been decommissioned for the season. [36/97]

LAKE ERIE - OH - Sandusky Pierhead Light Fog Signal Decommissioned - Chart 14845

The fog signal on Sandusky Pierhead Light (LLNR 4560) has been decommissioned for the season. [36/97]

LAKE ERIE - MI - Tug Hull Grounded - Chart 14850

The Coast Guard has received a report of a 114FT tug hull grounded in 11 ft of water at approx position 42-34.28N 082-45.08W. The strobe light is positioned amidships. [36/97]

DETROIT RIVER - MI - Fighting Island Channel - Charts 14853, 14848

M/V Melissa Desgagnes is aground in position 42-14.2N, 83-07.9W approximately ½ NM north of Grassy Island. Vessels transiting the area use caution. [35/97]

LAKE ST. CLAIR - MI - Grosse Point Dumping Ground - Chart 14853

Gaulker Shoal Lighted Buoy 1 (LLNR 8850) is off station 400 yards to the east of advertised position. [35/97]

ST. CLAIR RIVER - MI - Scientific Moorings - Chart 14853

The following scientific moorings have been placed in the St. Clair River:

Mooring Number	Latitude N	Longitude W
97-09S-01A	42-56-33	82-26-44
97-09S-02A	42-56-37	82-26-32

Each mooring is marked with a yellow buoy equipped with a radar reflector and flashing yellow light. Mariners are requested to give 60 yards clearance. [31/97]

LAKE HURON - MI - Fog Signals Decomissioned for Season

Alpena Light Fog Signal (LLNR 11370)

Tawas Light Fog Signal (LLNR 11240) [31/97]

ST. MARY'S RIVER - MI - Munuscong Lake to Sault Ste. Marie - Fyke Nets on edge of channel - Chart 14883_

The U.S. Fish and Wild life service has set Fyke nets on the edge of the channel between the following buoys:

B 15 (LL 13095)

Sailors Encampment

LB 17 (LL 13115)

LB 21 (LL 13125)

B 23 (LL 13160)

LB 29 (LL 13217)

LB 33 (LL 13235)

LB 35 (LL 13245)

Middle Neebish Channel

LB 43 (LL 13285)

B 51 (LL 13320)

B 57 (LL 13335)

LB 59 (LL 13345)

West Neebish Channel (Downbound)

LB 37 (LL 13570)

All Mariners are to use caution while transiting the area. [33/97]

ST. MARY'S RIVER - MI -Little Rapids Channel - Ice control booms - Chart 14883

The ice control booms will be installed at the head of Little Rapids Channel and will remain in place throughout the winter.

Operations will commence on the easterly side of upper Course 2, Little Rapids Channel, on or about 24 November 1997.

Little Rapids Cut temporary lighted Ice Buoy

R98B (LLNR-14105), showing characteristic quick flashing red (QR) will be installed in approximate position 134 degrees, 4,800 ft from Bayfield Dike Light (LLNR-14185) (ISO.R.), to mark the upstream limits of the east boom anchor system.

When Buoy R98B is positioned, the easterly 175 ft of the channel will be closed to navigation.

During the first week of December 1997, the West Ice Control Boom will be installed. The boom will project into the channel no more than 40 ft immediately upstream of Light 99 (LLNR-14110) (FG). Submerged anchor chains and cables will extend upstream from the floating portion of the boom to the ice stabilization island. At that time, the channel width available for navigation will be restricted to about 385 ft until removal of the booms in the spring of 1998.

The positions of the booms to be installed are shown in enclosure (2) of Local Notice to Mariners 34/97. All vessel operators are cautioned that anchor cables and chains are located under water and extend upstream and shoreward of the visible portions of the booms. Mariners are requested to exercise care in navigation the areas and to be especially alert to avoid fouling with the submerged cables and chains. Small boat operators are cautioned to stay clear of the steel piles, ice stabilization islands, and partially submerged anchor cables, and to be especially alert after dark to avoid the floating portions of the ice booms. [34/97]

LAKE MICHIGAN - MI - South Haven Harbor - Condition of Channel, Chart 14906

Condition surveys performed within the Federal navigation channel at South Haven Harbor, Michigan during September 1997, indicate shoaling as shown in enclosure (1) of Local Notice to Mariners 34/97. Vessel operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO. U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI. 48231-1027, and should refer to Notice to Navigation L97-68. [33/97]

LAKE MICHIGAN - MI - Racine - Racine Water Intake - Chart 14925

The Racine Water Intake is marked by 4 stakes in position 42-44.53N, 87-45.47W. These stakes are 1 ft above the water, the stakes are also marked with fluorescent orange paint. All mariners are advised to use caution. [35/97]

LAKE MICHIGAN - MI - Holland Harbor - Condition of Channel, Chart 14907

Condition surveys performed within the Federal navigation channel at Holland Harbor, Michigan during April-September 1997, indicate shoaling as shown in enclosure (1) of Local Notice to Mariners 33/97. Vessel operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI. 48231-1027, and should refer to Notice to Navigation L97-66. [33/97]

LAKE MICHIGAN - MI - Greilickville Harbor - Condition of Channel, Chart 14935

Condition surveys performed within the Federal navigation channel at Greilickville Harbor, Michigan during September 1997, indicate shoaling as shown in enclosure (2) of Local Notice to Mariners 33/97. Vessel operators are advised to use caution when navigating in this area. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI. 48231-1027, and should refer to Notice to Navigation L97-67. [33/97]

LAKE MICHIGAN - MI - Saugatuck - Fog Signal Decommissioning -Chart 14906

The Saugatuck South Pierhead Fog Signal (LLNR 19445) has been decommissioned for the season. [37/97]

LAKE MICHIGAN - WI - Sheboygan - Harbor Centre Marina - Chart 14922

The Harbor Centre Marina located in Sheboygan, WI. Has placed 5 logs chained together blocking the entrance to the marina. The logs have been lit with three, 2 second flashing orange lights, with daylight control. Vessels desiring to use the boat ramp at this location are now to utilize the 8th street boat ramp. Harbor Centre Marina is closed for the season to vessel traffic. Mariners are advised to use caution while transiting the area. [35/97]

LAKE MICHIGAN - WI -Washington Island -Condition of Channel -Chart 14909

Condition surveys performed within the Federal navigation channels at the Harbors at Washington Island, Wisconsin during September 1997, indicate shoaling as shown in enclosure (1) of Local Notice to Mariners 30/97. Vessel operators are advised to use caution when navigating in these areas. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI 48231-1027, and should refer to Notice to Navigation Interests No. L97-62. Internet address: <http://sparky.nce.usace.army.mil/OandM/o&m.html>. [30/97]

LAKE MICHIGAN - WI -Kenosha Harbor -Condition of Channel -Chart 14904

Condition surveys performed within the Federal navigation channels at Kenosha Harbor, Wisconsin during August 1997, indicate shoaling as shown in enclosure (2) of Local Notice to Mariners 30/97. Vessel operators are advised to use caution when navigating in these areas. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI 48231-1027, and should refer to Notice to Navigation Interests No. L97-63. Internet address: <http://sparky.nce.usace.army.mil/OandM/o&m.html>. [30/97]

LAKE MICHIGAN - WI - Port Washington Harbor -Condition of Channel -Chart 14904

Condition surveys performed within the Federal navigation channels at the Port Washington Harbor, Wisconsin during August 1997, indicate shoaling as shown in enclosure (1) of Local Notice to Mariners 31/97. Vessel operators are advised to use caution when navigating in these areas. All inquiries should be addressed to CELRE-CO-OO, U.S. Army Corps of Engineers, Detroit District, P.O. Box 1027, Detroit, MI 48231-1027, and should refer to Notice to Navigation Interests No. L97-64. Internet address: <http://sparky.nce.usace.army.mil/OandM/o&m.html>. [31/97]

LAKE MICHIGAN - WI - Northpoint Marina - Temporary Buoy Placement - Chart 14904

The Edward E. Gillen Co. has placed a 6 ft by 6 ft anchor buoy approximately $\frac{3}{4}$ nm east of Northpoint Marina at position 42-29.0 N, 87-47.0 W. The anchor buoy will be in place until December 20, 1997. [31/97]

LAKE SUPERIOR - MN - Early Buoy Decommissioning - Chart 14975

Superior Front Channel LB 2 (LLNR 15705) has been decommissioned for the season.

St. Louis Bay S Channel LB 2A (LLNR 16070) has been decommissioned for the season. [38/97]

LAKE SUPERIOR - ONT - Thunder Bay - Temporary Buoys - Chart

Two red plastic ORT buoys have been temporarily established in positions 48-25-12N, 89-13-04W and 48 25 22N, 89-13-00W. One red LB has been temporarily established in position 48-25-31N, 89-13-00W to mark work area. Mariners are requested to exercise caution and give buoyed area wide berth. [38/97]

II. DISCREPANCIES IN AIDS TO NAVIGATION as of 1000, 02 DECEMBER, 1997

This section lists the summary of current discrepancies. Any discrepancies listed in Local Notice to Mariners 37/97 which have been corrected are listed under "DISCREPANCIES CORRECTED" in this section. The following abbreviations are used to describe aid names and discrepancy status:

B	Buoy	BKW	Breakwater	©	Canadian Aid
CH	Channel	DAMD	Damaged	DAYBD	Dayboard
DBN	Daybeacon	DECOM	Decommissioned	DISCON	Discontinued
ENT	Entrance	ESTB	Established	EXT	Extinguished
FS	Fog Signal	HBR	Harbor	IMCH	Improper Characteristic
INOP	Inoperative	JCT	Junction	LB	Lighted Buoy
LBB	Lighted Bell Buoy	LGB	Lighted Gong Buoy	LHB	Lighted Horn Buoy
LIB	Lighted Ice Buoy	LT	Light	LWP	Left Watching Properly
OBST	Obstruction	OFFSTA	Off Station	(P)	Private Aid
PARSUB	Partially Submerged	PAROBSC	Partially Obscured	PHD	Pierhead
RBN	Radiobeacon	RAC	Racon	DIM	Reduced Intensity
RELDRG	Relocated for dredging	RELSHL	Relocated for Shoaling	RELCON	Relocated for
Construction					
RF	Range Front	RPTD	Reported	RR	Range Rear
(SLS)	St. Lawrence Seaway Devel Corp	SND CONT	Sounding Continuously	TRUB	Temporarily Replaced
With An B					
TRLB	Temporarily Replaced With A LB	TRLT	Temporarily Replaced With A Light	W/M	Winter Mark

A. RECENT DISCREPANCIES

LLNR	Name of aid	Charts Status	Affected	BNM Ref.	LNM Ref.
00900	ST LAWRENCE SEAWAY LB 129	LT EXT	14763B154-97	38/97	
01320	ST LAWRENCE SEAWAY LIGHT 186	LT EXT	14765B160-97	38/97	
01765	EAST CHARITY SHL TRAFFIC LB	LT EXT	14802B157-97	38/97	
03560	JOHN E. LAMPE MUNI MARINA LT 2 (P)	DBN IMCH	14835	26/97	
03845	FAIRPORT BKW LT B	LT EXT	14837 B159-97	38/97	
04150	NORTH COAST HARBOR LIGHT 2 (P)	MSLD SIG	14839 D254-97	26/97	
10560	SAGINAW BAY CH RR LT	LT EXT	14863 D316-97	38/97	
11230	NATIONAL GYPSUM CO. B 7 (P)	MISSING	14863	27/97	
11515	MIDDLE IS LT	LT EXT	14864 S222-97	38/97	
13475	WEST NEEBISH CH UP RR LT	LT EXT	14883 S244-97	38/97	
15525	BAYFIELD MUNI S BKW LT (P)	LT EXT	14973 S225-97	38/97	
15565	DEVILS IS LT	LT EXT	14973 S227-97	38/97	
20135	WILSON AVENUE INTAKE CRIB LIGHT (P)	FS INOP	14926	19/97	
20705	TANKER PIER BUOY 1 (P)	MISSING	14924 M129-97	25/97	
21830	STRAWBERRY CH SE LBB 6	OFF STA	14909 M183-97	38/97	
22115	GREEN BAY HBR ENT CH LB 03	LT EXT	14910 M185-97	38/97	

B. DISCREPANCIES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
06895	DETROIT RIV ENT LT 01 E	LWP	14830	D312-97	37/97
06945	EAST OUT CH LB 12	LWP	14848	D313-97	37/97
12580	ROUND IS PSG LT	LWP	14881		37/97
13380	LAKE NICOLET LB 63	LWP	14883	S216-97	37/97
14635	MARQUETTE BKW OUT LT	LWP	14970	S171-97	30/97
19585	BURNS HBR N LT 02	LWP	14926	M178-97	37/97
19870	SIXTY-EIGHTH STREET CRIB LT (P)	LWP	14927	M180-97	37/97
20090	BELMONT HARBOR LIGHT (P)	LWP	14926	M171-97	35/97

20145	HOLLYWOOD AVENUE BREAKWATER LT (P)	LWP	14926	M172-97	35/97
20480	RACINE REEF LT	LWP	14925	M179-97	

III.TEMPORARY CHANGES IN AIDS TO NAVIGATION as of 1000, 02 DECEMBER, 1997

A. RECENT TEMPORARY CHANGES

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
08834	DETROIT MUNICIPAL MARINA	ESTBL	14848		17/97
15220	ONTONAGON HBR E BKW LT	DISCON	14965 S112-97	15/97	
19800	CALUMET HBR BKW S END LT	F/SSSNDCONT	14926	20/97	
20820	SHEBOYGAN BKW LT	F/SSSNDCONT	14922	20/97	

B.TEMPORARY CHANGES CORRECTED

LLNR	Name of aid	Status	Charts Affected	BNM Ref.	LNM Ref.
		NONE			

IV.CHART CORRECTIONS since LNM 37/97

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number. The correction listed pertains to that chart only. It is up to the mariner to decide what charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart Notice number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source Agency of correction	Current to
14922	17 th ed.	4/25/92	Last LNM 12/93	NAD 83	(CGD9)	17/93
	MANITOWOC AND SHEBOYGAN HARBORS					
	Change	Manitowoc South Breakwater Light to "3" Fl G 2.5s, 37ft 8 StM				44 05 29.0N
	87 38 37.0W					
	Corrective action	Object of corrective action				Position

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only.(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from lakeward. Nominal range of lights is expressed in statute miles (St. M).

14826	25 th ed.	8/7/93	Last LNM34/97	NAD 83	(NOS CL-943/97	38/97
	MOSS POINT TO VERMILION (LORAN C)					
	BP-162056)					
	Insets:	Beaver Creek, Ohio				
		Vermilion Harbor, Ohio				
		Rocky River, Ohio				
	Change	Depth legend to: 6 ½ FT APR 1997 at:				41 29 25.8N
	81 50 15.2W					
		5 ½ FT APR 1997 at:				41 29 23.2N
		3 ½ FT APR 1997 at:				41 29 14.5N
		1 ½ FT APR 1997 at:				41 29 00.0N
	Add	Depth: ½ foot at:				41 28 51.5N
		½ foot at:				41 28 51.0N
						81 49 56.8W
14829	4 th ed.	6/25/94	Last LNM 34/97	NAD 83	(NOS CL-943/97;	38/97
	GENEVA TO LORAIN (LORAN C)					
	BP-162056)					
	Change	NOTE B, ROCKY RIVER CHANNEL controlling depths to:				
	A.	Entrance Channel.....2.6 meters				
	B.	River Channel.....1.9 meters				
	C.	Anchorage Basin.....1.6 meters				
	D.	River Channel.....1.0 meters				
	E.	River Channel.....1.2 meters				
	F.	Upper Turning Basin.....0.4 meters				
	from surveys by the Corps of Engineers, APR 1997				41 29 00.0N
	81 50 40.0W					
	Add	Depth: 0.1 meters at:				41 28 51.5N
						81 49 56.2W

	0.2 meters at:	41 28 51.0N	81 49 56.8W
14883	41 st ed. 4/26/97 Last LNM29/97 NAD 83	(CGD9)	38/97
	ST MARYS RIVER-MUNUSCONG LAKE TO SAULT STE MARIE		
	Add Light disc to Little Rapids Cut Junction Lighted Buoy, G, R, Fl (2+1) G 6s at:		46 27 38.0N
	84 16 58.0W		

V.ADVANCE NOTICE OF CHANGES TO AIDS TO NAVIGATION

Questions regarding these advance notices should be directed to LTJG Corey A. Henige, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060.

GENERAL - GREAT LAKES

Disestablish the following fog signals:

Manistee North Pierhead Light (LLNR 18450)[16/97]
Muskegon South Pierhead Light (LLNR 18710)[33/97]

LAKE ONTARIO -NY - Chaumont Harbor - Chart 14811

Change the nominal range of Chaumont Harbor Light 1 (LLNR 1800) from 5 to 6 statute miles. [38/97]

LAKE ONTARIO -NY - Navy Point - Chart 14811

Change the nominal range of Navy Point Light 1 (LLNR 1855) from 5 to 4 statute miles. [38/97]

LAKE ONTARIO -NY - Oswego - Chart 14813

Change the nominal range of Oswego Detached Breakwater West Entrance Light (LLNR 2065) from 7 to 6 statute miles. [38/97]

LAKE ONTARIO -NY - Fairhaven - Chart 14803

Change the nominal range of Fairhaven Breakwall Light 2 (LLNR 2135) from 7 to 6 statute miles. [38/97]

LAKE ONTARIO -NY - Rochester - Chart 14815

Change the nominal range of Rochester Harbor East Pier Light(LLNR 2330) from 7 to 6 statute miles. [38/97]

LAKE ONTARIO - NY - Sodus Bay - Chart 14814

Change the characteristics of Sodus Outer Light (LLNR 2170) from OC W 4s to ISO W 6s and reduce the nominal range from 15 to 10 statute miles and solarize.[15/97]

LAKE ERIE -NY - Buffalo - Chart 14833

Change the nominal range of Buffalo Harbor S. Entrance Light 1 (LLNR 2910) from 5 to 6 statute miles. [38/97]

LAKE ERIE - MI - Bolles Harbor RF Light - Chart 14846

Change the height of the Bolles Harbor RF Light (LLNR 6550) light from 14 to 18 feet.[37/97]

EARLIER BUOY DECOMMISSIONING

The US Coast Guard will be decommissioning the following buoys prior to their decommissioning date as listed in the US Light List VII.[37/97]

MAUMEE BAY - Chart 14847

The following buoys will be decommissioned on or about December 08, 1997.

Maumee Bay TFC LB (LLNR 6040)
Maumee Bay ENT LB 1 (LLNR 6045)
Maumee Bay LB 05 (LLNR 6065)
Maumee Bay LB 06 (LLNR 6070)
Maumee Bay LB 09 (LLNR 6085)
Maumee Bay LB 10 (LLNR 6090)
Maumee Bay LB 13 (LLNR 6115)
Maumee Bay LB 14 (LLNR 6120)
Maumee Bay LB 17 (LLNR 6135)
Maumee Bay LB 18 (LLNR 6140)
Maumee Bay LB 21 (LLNR 6155)

LAKE ST. CLAIR - Charts 14850,14853

The following buoys will be decommissioned on or about December 08, 1997.

Lake St. Clair LB 2 (LLNR 8420)
Lake St. Clair LB 7 (LLNR 8445)
Lake St. Clair LB 8 (LLNR 8450)
Lake St. Clair LB 13 (LLNR 8475)
Lake St. Clair LB 17 (LLNR 8495)
Lake St. Clair LB 18 (LLNR 8500)
Lake St. Clair LB 21 (LLNR 8515)
Lake St. Clair LB 22 (LLNR 8520)
Lake St. Clair LB 24 (LLNR 8530)
Lake St. Clair LB 25 (LLNR 8545)
Lake St. Clair LB 26 (LLNR 8550)
Lake St. Clair LB 27 (LLNR 8555)
Lake St. Clair LB 28 (LLNR 8560)
Lake St. Clair LB 29 (LLNR 8565)
Lake St. Clair LB 30 (LLNR 8570)
St. Clair Cut-off Preferred Ch LB (LLNR 8590)

ST. CLAIR RIVER - Chart 14850, Chart 14853

The following buoys will be decommissioned on or about December 14, 1997.

St. Clair Cutoff CNL LB 13 (LLNR 8655)
St. Clair River S Ch LB 15(LLNR 9665)
St. Clair River S Ch LB 16(LLNR 9670)
St. Clair S Ch LB 17(LLNR 9675)
Grande Point LB 27(LLNR 9705)
Russel Island LB 29(LLNR 9710)
Russel Island SH LB(LLNR 9745)
Roberts Landing LB 37(LLNR 9775)
Fawn Island LB 38(LLNR 9780)
Marine City Shoal LB 40 (LLNR 9790)
Fawn Island Upper End LB 42(LLNR 9825)

St. Clair Mi Grd LB 48(LLNR 9875)
St. Clair Mi Grd LB 50 (LLNR 9880)
St. Clair Mi Grd LB 52 (LLNR 9885)
Stag Island Lower LB 55(LLNR 9900)
Stag Island Shoal LB 56(LLNR 9930)
Stag Island LB 58(LLNR 9935)

LAKE HURON - Charts 14862

The following buoys will be decommissioned on or about December 141997.

Lake Huron Cut LB 01 (LLNR 10035)
Lake Huron Cut LB 03 (LLNR 10045)
Lake Huron Cut LB 04 (LLNR 10050)
Lake Huron Cut LB 05 (LLNR 10055)
Lake Huron Cut LB 06 (LLNR 10060)
Lake Huron Cut LB 08 (LLNR 10070)
Lake Huron Cut LB 09 (LLNR 10075)
Lake Huron Cut LB 10 (LLNR 10080)
Lake Huron Cut LB 11 (LLNR 10085)
Lake Huron Cut LB 12 (LLNR 10090)

LAKE HURON - MI - Harbor Beach - Chart 14862

Change the nominal range of Harbor Beach Light (LLNR 10130) from 16 to 17 statute miles.[23/97]

STRAITS OF MACKINAC - MI - De Tour Passage to Waugoshance point - Chart 14881

Change the characteristics of Poe Reef Light (LLNR 11750) from Fl (2) W 10s to an ISO W 2s, reduce the nominal range from 16 to 9 statute miles, Discontinue the secondary light and solarize.[18/97]

LAKE MICHIGAN - MI - Ludington Harbor - Chart 14937

Disestablish the flood lights on Ludington North Breakwater Light (LLNR 18530).[18/96]

LAKE MICHIGAN - MI - Pentwater - Chart 14907

Permanently decommission Novadoc Wreck Buoy WR 1 (LLNR 18640) [38/97]

LAKE MICHIGAN - MI - Muskegon Lake - Chart 14934

Discontinue the secondary light on Muskegon South Breakwater Light (LLNR 18705) and reduce the nominal range from 11 to 7 statute miles and solarize.[18/97]

LAKE MICHIGAN - MI - Detroit - Chart 14909

Move Detroit Harbor Channel Buoy 2 (LLNR 21355) to position 45-20-3.522N; 086-56-7.734W.
Move Detroit Harbor Channel Buoy 5 (LLNR 21365) to position 45-20-18.834N; 086-56-11.664W.
Move Detroit Harbor Channel Buoy 8 (LLNR 21375) to position 45-20-23.814N; 086-56-7.884W.
Move Detroit Harbor Channel Buoy 9 (LLNR 21380) to position 45-20-25.902N; 086-56-7.914W.
Move Detroit Harbor Channel Buoy11 (LLNR 21385) to position 45-20-26.646N; 086-56-7.734W.[26/97]

LAKE MICHIGAN - WI - Manitowoc - Chart 14922

Change the characteristics of Manitowoc Breakwater Light (LLNR 20860) from Iso W 6s to Fl W 10s and solarize. Reduce the nominal range from 17SM to 5SM.[09/96]

LAKE MICHIGAN - WI - Lower Green Bay - Chart 14910

Change the characteristic of Algoma Light 2 (LLNR 20985) from F R to Fl R 4s.[03/97]

LAKE MICHIGAN - WI - Upper Green Bay - Chart 14909

Relocate Detroit Island Passage B 2 (LLNR 21340) to position 45-19.01N, 086-56.39W to better mark the shoal.

GREEN BAY - WI - Dutch Johns Point to Fishery Point - Chart 14908

Establish a RACON on Minneapolis Shoal Light (LLNR 21610).[03/97]

GREEN BAY - WI - Lower Fox River - Chart 14916

Change Green Bay City Buoys 2, 4, 6, 7, and 8 (LLNR 22280 - LLNR 22300) from annual to seasonal buoys maintained from May 14 to Oct 14.[03/97]

LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927

Reduce the nominal range of Chicago Harbor Light (LLNR 19960) from 24 SM to 19 SM.[09/96]

LAKE MICHIGAN - IL - Chicago Harbor - Chart 14927

Increase the nominal range of Chicago Harbor Entrance South Side Light (LLNR 19985) from 8 statute miles to 16 statute miles.[37/96]

LAKE SUPERIOR - MI - Keweenaw Waterway - Chart 14972

Reduce the nominal range of Keweenaw Upper Entrance Light (LLNR 15120) from 28 to 19 statute miles and solarize.[18/97]

LAKE SUPERIOR - MN - Redridge To Saxon Harbor - Chart 14965

Relocate Ontonagon Harbor East Pierhead Light (LLNR 15220) to the end of the breakwall being extended 120FT by the U.S. Army Corps of Engineers.

The light will be extinguished from now until it is relocated.[15/97]

LAKE SUPERIOR - MN - Duluth Harbor - Chart 14975

Change the characteristics of Duluth Harbor North Pier Light (LLNR 15855), from Iso W 6s to Iso R 6s and reduce the nominal range from 16 StM to

10 StM.[09/96]

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

Periodically the Coast Guard evaluates the system of Aids to Navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing the aid is considered. In this regard the Coast Guard is evaluating changes in aids to navigation as noted below. Comments are requested, and should be addressed to LT Henige, Ninth Coast Guard District (oan). All comments submitted should include the following information: (A) Quantity, type, capacity and value of vessels involved, and the extent that these vessels traverse the area under consideration seasonally, by day and by night, (B) Where practical, the type of navigation devices, such as compasses, radio direction finder, radar, LORAN and search lights with which such vessels are equipped, (C) The number of passengers and the type, quantity, and value of cargo involved, and (D) A chart section or sketch showing the action proposed when necessary to clearly describe the recommended improvement.

Questions regarding these advance notices should be directed to LT Corey A. Henige, Ninth Coast Guard District (oan), 1240 East Ninth Street, Cleveland, OH 44199-2060.

GENERAL - GREAT LAKES

Disestablish the following lights:

Thirtymile Point Light (LLNR 2395)
Dunkirk Light (LLNR 3410)
Port Sanilac Light (LLNR 10115)
Point Aux Barques Light (LLNR 10210)
Sturgeon Point Light (LLNR 11345)
Forty Mile Point Light (LLNR 11715)
St. Helena Light (LLNR 17720) [09/96]

GENERAL - GREAT LAKES

Disestablish the following fog signals:

Frankfort North Breakwall Light (LLNR 18375)
Ludington North Breakwall Light (LLNR 18530)
Pentwater North Pierhead Light (LLNR 18620)
Muskegon South Breakwall Light (LLNR 18705)
Grand Haven South Pierhead Entrance Light (LLNR 18965)
South Haven South Pierhead Light (LLNR 19505)
St. Joseph North Pierhead Light (LLNR 19515)
Michigan City East Pierhead Light (LLNR 19545) [02/97]

ST. LAWRENCE RIVER - NY - St. Lawrence Seaway - Chart 14768

Change the characteristic of Tibbetts Point Light (LLNR 1735) from Oc W10s to a Fl W 15s.
Increase the nominal range from 16SM to 22SM. [09/96]

Lake Erie - Early Buoy Decommissioning

Due to availability of US Coast Guard Cutters on the Great Lakes, the following buoys **have been or will be** decommissioned prior to their decommissioning date as listed in the US Coast Guard Light List Vol. VII. The US Coast Guard is proposing the early decommissioning of these buoys as a permanent change and would like to solicit comments regarding the early decommissionings listed below.[37/97]

Change the Decommissioning dates of the following buoys to October 21:

<u>Chart #</u>			<u>Previous Decom Date</u>	
Scott Point Shoal LB 1	LLNR 5520	November 21	14844	
Starve Island Reef LB 2	LLNR 5525	November 21	14844	
Niagara Reef LB 5	LLNR 5540	November 21	14830	
Kelleys Island Shoal LB 1	LLNR 5565	November 14	14844	
Gull Island Shoal LB 4	LLNR 5600	November 14	14844	
Middle Bass Island East Shoal LBB 1	LLNR 5615	November 14	14844	
North Bass Island LB 3	LLNR 5625	November 14	14844	
North Bass Island B 4	LLNR 5630	November 7	14844	
North Bass Island LBB 6	LLNR 5635	November 7	14844	

Change the Decommissioning dates of the following buoys to November 1:

	<u>Chart #</u>		<u>Previous Decom Date</u>	
East Basin Channel LB1	LLNR 4065	October 15	14839	
East Basin Channel LB4	LLNR 4070	October 15	14839	
East Basin Channel LB5	LLNR 4085	December 14	14839	
East Basin Channel LB6	LLNR 4090	December 14	14839	
East Basin Channel LB8	LLNR 4120	December 14	14839	
East Basin Channel LB9	LLNR 4125	December 14	14839	
East Basin Channel LB10	LLNR 4130	December 14	14839	
East Basin Channel LB11	LLNR 4135	December 14	14839	
East Basin Channel LB12	LLNR 4140	December 14	14839	
East Basin Channel LB14	LLNR 4155	December 14	14839	
Entrance LB 1	LLNR 4485	December 7	14843	
Entrance B 2	LLNR 4490	December 7	14843	
Entrance B 3	LLNR 4495	December 7	14843	

Change the Decommissioning dates of the following buoys to November 7:

	<u>Chart #</u>		<u>Previous Decom Date</u>	
Mosely Channel LBB 1	LLNR 4580	December 21	14845	
Mosely Channel LB2	LLNR 4585	December 21	14845	
Mosely Channel LB4	LLNR 4595	December 21	14845	
Mosely Channel LB5	LLNR 4600	December 7	14845	
Mosely Channel LB6	LLNR 4605	December 21	14845	
Mosely Channel LB9	LLNR 4615	December 21	14845	
Mosely Channel LB10	LLNR 4620	December 7	14845	
Sandusky Straight Channel LB 11	LLNR 4635	December 21	14845	
Sandusky Straight Channel LB 12	LLNR 4640	December 21	14845	
Sandusky Straight Channel LB13	LLNR 4650	December 21	14845	
Sandusky Straight Channel LB14	LLNR 4655	December 21	14845	
Sandusky Exit Channel Junction LB E	LLNR 4660	December 21	14845	
Sandusky Straight Channel LB 16	LLNR 4670	December 21	14845	
Sandusky Dock Channel LB 18	LLNR 4675	December 21	14845	
Sandusky Bay Exit Channel LB 7	LLNR 4715	December 21	14845	
Sandusky Bay Exit Channel LB 5	LLNR 4745	December 21	14845	
Sandusky Bay Exit Channel LB 2	LLNR 4760	December 21	14845	

LAKE ST. CLAIR - MI - Lake St. Clair - Chart 14853

Establish a light structure to replace Lake St. Clair LB 30 (LLNR 8570). [09/96]

LAKE HURON - MI - Lexington Harbor - Chart 14862

Increase the nominal range of Lexington Harbor East Breakwater Light 2 (LLNR 10095) from 5SM to 8SM. [09/96]

LAKE HURON - MI - Au Gres Harbor - Chart 14863

Increase the nominal range of Au Gres Harbor South Pierhead Light 3 (LLNR 11160) from 6SM to 8SM. [09/96]

LAKE SUPERIOR - MN - Superior Harbor Chart 14975

Change the nominal range of Superior Harbor South Breakwater Light (LLNR 15595) from 22NM to 18NM. [11/95]

VII. GENERAL NOTICES

LAKE ERIE - NY- Buffalo River - Update - Chart 14833

Luedtke Engineering Company will be conducted dredging operations in Buffalo River, NY from September 22, 1997 thru **December 15, 1997**. Hours of operation will be 7:00AM and 7:00PM 7 days a week. The tug KURT LUEDTKE or DERRICK NO.16 may be contacted on VHF-FM channels 16 and 19. For further information contact Mr. John Keillor at (616) 352-9631 (Ext. 15)[25/97]

LAKE ERIE - OH - Cleveland Harbor, Winter Bridge Operating Schedule, Chart 14839

The following City of Cleveland bridges will be unmanned from December 31, 1997 to March 17, 1998:

- Center Street Mile 1.39
- Columbus Road Mile 1.93
- Willow Street Mile 1.02 over Old River
- Eagle Avenue Mile 2.80

These bridges will open for vessels if at least 12 hour advance notice is provided by calling the Bridges and Docks Office at (216) 432-6040 between 0700 and 1530, Monday thru Friday, or Carter Road bridge at (216) 664-4767, 24 hours, 7 days a week. Additionally, the West 3rd Street bridge will be manned around the clock during the winter. [38/97]

LAKE ERIE - OH - Maumee River - Anthony Wayne Bridge Construction - Update - Chart 14846

The Ohio Department of Transportation is conducting construction operations on the Anthony Wayne Bridge in Toledo, Ohio until November 1998. Hours of operation will be

24 hours a day/7 days a week. It is requested that notification to the contractor is provided through the tenders of the Craig Memorial Bridge. The ODOT project engineer states that the Anthony Wayne Bridge is **reduced in clearance height by 1 foot** by scaffolding. USCG Toledo advises mariners use appropriate caution when transiting this area. First notification is required a minimum of twenty-four hours prior to vessel passage through the bridge. This notification is to include the following information: A. Vessel Identification, B. Vessel air draft (feet), C. Estimated time of Bridge passage, D. Estimated time of departure (outbound). Additionally, it is necessary that schedule changes which impact timing of the rigging operation be reported as they become available. Final notice is required a minimum of two hours prior to vessel passage. This notice will initiate procedures to retract the rigging. For further information contact the Craig Bridge tender at the pager number 1-888-552-0877. [35/97]

LAKE ERIE - OH - Sandusky Bay - Railroad Bridge - Chart 14842

The Geo. Gradel Co. will be conducting rock placement operations in Sandusky Bay underneath the railroad bridge until December 15, 1997. Hours of operation will be from 24 hours a day/7 days a week. The MIGHTY JIMMIE may be contacted on VHF-FM channels 16-18. A white with blue band mooring buoy has been placed in position 41-29.153N and 82-49.63W halfway between the Railroad Bridge and old State Route 2 bridge. For further information contact Mr. Alan Raven at (419) 691-7123. [34/97]

LAKE ERIE - OH -Turtle Creek - Dredging Operations, Chart 14842

The GEO. Gradel Co. is conducting dredging operations at the entrance of Turtle Creek until December 15, 1997. Two lighted mooring buoys have been placed 600 yards northeast of the Turtle Creek entrance. Hours of operation are 24 hours a day 7 days a week. The M/V MIGHTY JAKE may be contacted on VHF-FM channels 16 and 18. For further information contact Mr. John Gradel at (419) 691-7123. [34/97]

LAKE ERIE - OH - Ashtabula Harbor, Winter Bridge Operating Schedule, Chart 14836

The Fifth Street bridge at mile 1.38 over the Ashtabula River in Ashtabula, OH, will be unmanned from December 15, 1997 to April 1, 1998. The bridge will open for vessels if at least 24-hour advance notice is provided by calling Ashtabula County Highway garage at (440) 576-2816 or the Maintenance Supt. at (440) 293-5350 during this period. [34/97]

LAKE ERIE - OH - Sandusky Bay - Sewer Pipeline Installation - Chart 14844

Shoreline Contractors Inc., will be installing a submerged sewer pipeline along the west side of causeway from south side of Marblehead Peninsula to Johnson's Island. Work will last until December 12, 1997, hours of operation are from 7:00AM to 4:30 PM 7 days a week. The vessel THE FALCON may be contacted on VHF-FM channel 16. For further information contact Mr. Bud Edwards at (216) 221-7200. See enclosure (1) of Local Notice to Mariners 38/97.[38/97]

LAKE ERIE - OH - Avon Lake - Chart 14829

Marine Contracting Corporation will be conducted maintenance dredging Avon Lake, Ohio thru December 30, 1997. Hours of operation will be from 7:00 am to 7:00 pm, 7 days a week. The derrick boat TNT or tug TIMBERLAND will be monitoring VHF-FM channels 16 and 19. For further information contact Victor J. Monz III at (216) 246-3903. [26/97]

LAKE ERIE - OH - Cleveland -Breakwall Construction - Chart 14839

Kiewit Construction will be conducting Breakwall construction in Cleveland, OH until February 1, 1997. Operations will be 24hrs/7 days a week. The tug RICHARD REISS or barge KELSTONE may be contacted on VHF FM 8, 18 and 16. Temporary mooring buoys will be relocated after each vessel unloads. White spherical buoys are located in the channel north of Burke Lakefront Airport between Cleveland Harbor Channel Lighted Buoy 5 and Buoy 9. These buoys are marked with blue stripes and lighted with white strobe lights. For further information contact Dennis Bahls. at (216) 241-3150.[08/97]

LAKE ERIE - OH - Avon Lake - Pier Renovation - Chart 14830

Marine Contracting Corp. will be conducting construction operations in Avon Lake, OH from March 25 until December 30, 1997. Operations will be from 0700 to 1800 local, Monday through Friday. The tug TIMBERLAND and the derrick CROW may be contacted on VHF FM 19. For further information contact Victor J. Monz Jr. at (216) 246-3903. Avon Lake Launch Basin Light (LL4275) has been discontinued. [33/97]

LAKE ERIE - OH - West Harbor - Chart 14844

Marine Contracting Corporation will be conducted maintenance dredging West Harbor, Ohio thru November 30, 1997. Hours of operation will be from 7:00 am to 7:00 pm, 7 days a week. The tug PRAIRIELAND will be monitoring VHF-FM channels 16 and 19. For further information contact Victor J. Monz III at (216) 246-3903.[26/97]

LAKE ERIE - OH - Maumee River - OH - Anthony Wayne Bridge Construction - Chart 14846

The Ohio Department of Transportation is conducting construction operations on the Anthony Wayne Bridge in Toledo, Ohio until November 1998. Hours of operation will be

24 hours a day/7 days a week. It is requested that notification to the contractor is provided through the tenders of the Craig Memorial Bridge. There will be a 2 foot reduction in clearance. First notification is required a minimum of twenty-four hours prior to vessel passage through the bridge. This notification is to include the following information: A. Vessel Identification, B. Vessel air draft (feet), C. Estimated time of Bridge passage, D. Estimated time of departure (outbound). Additionally, it is necessary that schedule changes which impact timing of the rigging operation be reported as they become available. Final notice is required a minimum of two hours prior to vessel passage. This notice will initiate procedures to retract the rigging. For further information contact the Craig Bridge tender at the pager number 1-888-552-0877. [28/97]

LAKE ERIE - OH - Toledo -Bridge Maintenance - Chart 14847

Due to the nature of maintenance work on the Craig Memorial Bridge, Mile 3.3 Over the Maumee River in Toledo OH, Mariners are required to provide 12 hour advance notice prior to transiting the draw for the remainder of the 1997 navigation season.[15/97]

LAKE ERIE TO LAKE HURON - Obstruction Removal and Survey

Beginning on or about March 30, 1997, and continuing throughout the 1997 navigation season, the U. S. Army Corps of Engineers S/V PAJ, cranebarge VELER, along with other survey vessels and attendant plant, will perform obstruction removal and survey operations in various Federal navigation channels of Lake Huron, the St. Clair River, Lake St., Clair, the Detroit River and Lake Erie. While performing survey operations, the s/v PAJ (a 120 feet long by 33 feet wide vessel), may be transiting the channels in a transverse (sideways) mode and thus will be one of the widest vessels in the channels. Also, operating in this mode, the maneuverability of the vessel is restricted, Appropriate shapes and/or lights will be exhibited. Operations will be conducted Monday through Friday from 0700 to 1900 hours. Vessel operators should use caution and reduce speed when navigating in the vicinity of these operations. All inquiries should be addressed to CENCE-CO-OO, U.S. ARMY CORP OF ENGINEERS, DETROIT DISTRICT, P. O. BOX 1027, DETROIT, MI 48231-1027 and should refer to Notice to Navigation Interests No. L97-02.[03/97]

ST. CLAIR RIVER - MI - South End of Lake Huron - Bridge Maintenance, Chart 14865

Contractors have constructed containment scaffolding under the United States side of the Blue Water bridge to facilitate painting and rehabilitation. The scaffolding will be in place until September 1998. The scaffolding will be constructed on shore and swung into place when marine traffic is cleared. Once in place, the vertical clearance will be reduced by no more than 10 feet in the navigation channel. Temporary yellow lights will mark the ends of the scaffolding and the regular navigation lights will be operational throughout the project.[24/97]

ST. CLAIR RIVER - MI - Port Huron, Black River - Winter Bridge Operating Schedule, Chart 14852

The CN Railroad bridge, mile 1.56 over the Black River in Port Huron, MI, will be secured to masthead navigation between December 1, 1997 and March 31, 1998. The bridge will open for vessels with a 24-hour advance notice prior to the intended time of passage through the draw. Advance notice may be provided by calling (810) 989-4277, 24 hours a day. [32/97]

ST. CLAIR RIVER - MI - Port Huron, Bridge Maintenance, Chart 14852

The Seventh Street bridge at mile 0.5 over the Black River in Port Huron, MI will be undergoing repairs until approximately January 5, 1998. A work barge will be used, partially restricting the channel. The barge can be moved for vessels requiring the full width of the channel by providing a one-hour advance notice. [36/97]

LAKE HURON - MI - Cheboygan Harbor, Winter Bridge Operating Schedule, Chart 14881

The U.S. Route 23 bridge, mile 0.9 over the Cheboygan River in Cheboygan, MI, will be unmanned between the hours of 2300 and 0600 from November 25 to December 14, 1997. The bridge will open with a 12-hour advance notice requirement from vessels during these hours. The bridge will operate under its normal winter schedule after December 14, 1997 (33 CFR 117.627). [38/97]

STRAITS LAKE MICHIGAN - MI - Charlevoix Harbor, Winter Bridge Operating Schedule, Chart 14942

Full time bridgetenders will be removed from the U.S. Route 31 bridge over the Pine River in Charlevoix, MI between December 14, 1997 and April 4, 1998. The bridge will open for vessels if a 12-hour advance notice is provided by calling Chief Operator (616) 547-4034, pager (616) 480-1963; or Charlevoix City Police (616) 547-3255; or Kalkaska Maintenance Garage (616) 258-5611. [38/97]

LAKE MICHIGAN - MI - Grand Haven, Bridge Closure for Maintenance, Chart 14933

The U.S. Route 31 highway bridge at mile 2.89 over the Grand River in Grand Haven, MI will be closed to masthead navigation between December 1, 1997 and March 15, 1998 for maintenance. [36/97]

LAKE MICHIGAN - MI - Frankfort to Michigan City - US Highway 31 Bridge Construction

The US Route 31 Highway bridge over the Grand River at mile 2.89 will be in the closed position from December 01, 1997 through March 15, 1998 for contracted electrical and mechanical contract work. The Bridge will not be able to open during this time frame. [35/97]

LAKE MICHIGAN - MI - White Lake - Chart 14935

Roan Salvage Co. is conducting breakwater repairs in White Lake, Michigan until April 31, 1998. Hours of operation will be between 0400 and 2400, 7 days a week. The tug JOHN R. ASHER may be contacted on VHF-FM channels 7 and 16. For further information contact Thomas Levy at (920) 743-6533. [26/97]

LAKE MICHIGAN - WI - Milwaukee Harbor - Winter Bridge Operating Schedule, Chart 14924

City of Milwaukee owned and operated bridges will be manned by roving bridgetenders from November 22, 1997 to April 25, 1998. Mariners are required to provide a 12-hour advance notice for requests to open City bridges during this period. Tenders will be stationed at Broadway Street and Water Street bridges on the Milwaukee River, and at South First Street bridge on the Kinnickinnic River. Vessels are requested to schedule openings by contacting the Bridge Operator Leadworker at (414) 286-2575, or VHF-FM channel 16 (call sign KW 4448). [32/97]

LAKE MICHIGAN - WI - Green Bay, Dredging Operations, Chart 14918

The Roan Salvage Company is conducting dredging operations in Green Bay between Grassy Island and Long Tail Point and also upper Fox River near Upper Turnagin and the railroad bridge until December 15, 1997. Hours of operation are 24 hours a day 7 days a week. The Tug STEVEN ASHER may be contacted on VHF-FM channels 7 and 16. The area is marked with green and white buoys not to be used for navigation and poles with yellow flashing lights will be adjacent to channel. For further information contact Thomas Levy at (920) 743-6533. [23/97].

LAKE MICHIGAN - WI - Milwaukee - Bridge Construction, Chart 14924

Lund Construction will be conducting bridge construction at Milwaukee Harbor, WI until June 1, 1998. Hours of operation will be 0700 to 1500/ Monday - Friday. For further information, contact Joe Kadunc at (414)547-1781. [05/97]

LAKE MICHIGAN - IL - Chicago River - Bridge Maintenance and Clearance Reduction - Chart 14848

Maintenance on the Sag Highway (Route 83) bridge, mile 23.2 over the Chicago Sanitary and Ship Canal, will require supports be placed on the underside of the bridge that will reduce the vertical clearance from 39 feet to 37 feet along the entire length of the bridge. This work is scheduled for completion in May of 1998. [36/96]

LAKE MICHIGAN - IL - Chicago Harbor, Bridge Maintenance, Chart 14927

Continuing maintenance on the Stevenson Expressway (Rte 55) bridge at mile 13.6/313.4 over the Chicago Sanitary and Ship Canal will be conducted until December 14, 1997. There will be two work barges in the channel around the clock, reducing the horizontal clearance to approximately 100 feet. Mariners may receive updated information by calling Ed Boeing at pager (630) 249-1041. [36/97]

LAKE MICHIGAN - IL - Chicago River, Bridge Rehabilitation, Chart 14927

The rehabilitation of Cermak Road bridge, mile 4.05 over the South Branch of the Chicago River, will continue until approximately May 1998. Work will be done Monday through Saturday, 0700-1530. One leaf will be in the open position at all times with approximately 50-70 feet of horizontal clearance at any time. Mariners may have up to 100 feet of clearance by providing a 1-hour advance notice to raise the other leaf. Advance notice may be provided by calling the Thatcher Engineering Corp. barge on VHF-FM channel 16, or Mr. Van Sutphen at work (312) 805-7335, or home (630) 910-1045. [01/97]

LAKE MICHIGAN - IL - Jackson Park Harbor - Breakwall repairs, Chart 14928

Edward E. Gillen Co. will be conducting breakwater repairs at Jackson Park Harbor, Chicago, IL from April 27 until December 15, 1997. Hours of operation will be 24 Hrs/ Monday - Saturday. The tug GILLKEN III, HARBOR BUILDER or ANDREW J may be contacted on channels 7, 8 and 16. Construction consists of rehabbing an existing breakwater at Jackson Harbor Marina. Entrance lights will be operable. Anticipate 5 barges on site during construction. A temporary mooring buoy will be installed approximately a half mile out from land. The buoy will be blue with a white horizontal strip and lit with either an amber or a white light. For further information, contact Chad Keillor or Tom Miller at (414)769-3120. [05/97]

LAKE MICHIGAN - IL - Chicago Harbor, Bridge Closure for Maintenance, Chart 14928

State Street bridge, mile 1.05 over the Main Branch of Chicago River, will be closed to masthead navigation from November 22, 1997 to March 31, 1998, for maintenance. [38/97]

LAKE SUPERIOR - MI - Keweenaw Waterway, Bridge Closure for Maintenance, Chart 14972

The Houghton/Hancock Lift bridge will be closed to masthead navigation between December 1, 1997 and March 20, 1998 for maintenance and rehabilitation. [34/97]

GREAT LAKES - GENERAL - MARINE EVENTS

Events listed below are those events that do not have accompanying special local regulations. Mariners transiting these areas are not required to contact the U.S. Coast Guard, but are asked to exercise caution when navigating through the area of the event.

Location	Events	Dates	Time
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(Local)

Toledo, OH 2400	First Night Fireworks	DECEMBER31	1830-
Chicago, IL 2200	Navy Pier Fireworks	DECEMBER31	2130-
Chicago, IL 2200	Navy Pier Fireworks	JANUARY01	2130-

SUMMARY OF DREDGING/CONSTRUCTION OPERATIONS STILL IN EFFECT

The LNM column is where the entry originally appeared and where detailed information may be obtained. The dates listed for completion are

tentative.

Location	LNM	Subject	Hours / Days	Until
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LAKE ERIE

Buffalo River, NY	25/97	DREDGING	0700-1900/7 DAYS A WEEK	15 DEC 97
Sandusky Bay, OH	38/97	PIPELINE INSTALLATION	0700-1630/7 DAYS A WEEK	12 DEC 97
Sandusky Bay, OH	34/97	ROCK PLACEMENT	24HRS/7 DAYS A WEEK	15 DEC 97
Cleveland, OH	29/97	REEF CONSTRUCTION	24 HRS/7 DAYS A WEEK	15 DEC 97
Cleveland, OH	05/97	BREAKWALL CONSTRUCTION	24HRS/7 DAYS A WEEK	01 FEB97
Avon Lake, OH	03/97	PIER RENOVATION	0700-1800/MON-FRI	30 DEC97
Avon Lake, OH	26/97	DREDGING	0700-1900/7 DAYS A WEEK	15 DEC 97
Location	LNM	Subject	Hours / Days	Until

LAKE ERIE

Maumee River, OH	28/97	BRIDGE CONSTRUCTION	24HRS/7DAYS A WEEK	NOV 1998
Turtle Creek, OH	34/97	DREDGING	24HRS/7DAYS A WEEK	15 DEC97
Lake Erie to Lake Huron	03/97	SURVEY OPERATIONS	0700-1900/MON-FRI	15 DEC 97

LAKE HURON

Saginaw Bay and River, MI	03/97	SURVEY OPERATIONS		15 DEC 97
Port Huron, Black River	36/97	BRIDGE MAINTENANCE	24HRS/7DAYS A WEEK	05 JAN 98

ST. MARYS RIVER

St. Marys River, MI	02/97	CHANNEL MAINTENANCE		31 DEC 97
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LAKE SUPERIOR

Silver Bay, MN	10/97	BREAKWATER CONSTRUCTION	0500-2300/MON-SAT	30 JUN 98
Keweenaw Waterway, Houghton/Hancock	34/97	BRIDGE MAINTENANCE	24HRS/7DAYS A WEEK	20 MAR 98

LAKE MICHIGAN

Michigan City, Grand River, MI	35/97	BRIDGE MAINTENANCE	24HRS/7 DAYS A WEEK	15 MAR 98
White Lake, MI	26/97	BREAKWATER REPAIRS	0400-2400/7 DAYS A WEEK	
	31 APR 98			
St. Joseph, MI	26/97	MARINE CONSTRUCTION	0730-1630/7 DAYS A WEEK	20 DEC 97
Grand Haven, MI	36/97	BRIDGE MAINTENANCE/	24HRS/7 DAYS A WEEK	15 MAR
Jackson Park, Chicago, IL	05/97	BREAKWALL MAINTENANCE	24HRS/MON-SAT	15 DEC 97
Chicago Harbor, IL	36/97	BRIDGE MAINTENANCE	24HRS/7 DAYS A WEEK	14 DEC 97
Cermak Road Bridge, Chicago, IL	01/97	BRIDGE REHABILITATION	0700-1530/MON-SAT	MAY 98
Milwaukee, WI	05/97	BRIDGE CONSTRUCTION	0700-1500/MON-FRI	01 JUN 98
Fox River, WI	23/97	DREDGING	24HRS/7 DAYS A WEEK	15 DEC
97				

Chicago, IL
31 MAR

38/97

BRIDGE MAINTENANCE

24HRS/7 DAYS A WEEK

VIII. LIGHT LIST CORRECTIONS, VOL VII, GREAT LAKES since 37/97

(* Denotes the column in which a correction has been made or new information added.)

(1) No.	(2) Name and location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18460	- SOUTH BREAKWATER LIGHT		FI R 4s 10	33	7	White cylindrical tower with red band.	
	• 38/97						
18465	- SOUTH PIERHEAD LIGHT		Iso R 6s 9	29	4	TR on pole.	
	• 38/97						

IX. ENCLOSURES

(1) Shoreline Contractors Inc

John F. McGowan
Rear Admiral, U. S. Coast Guard
Commander, Ninth Coast Guard District